



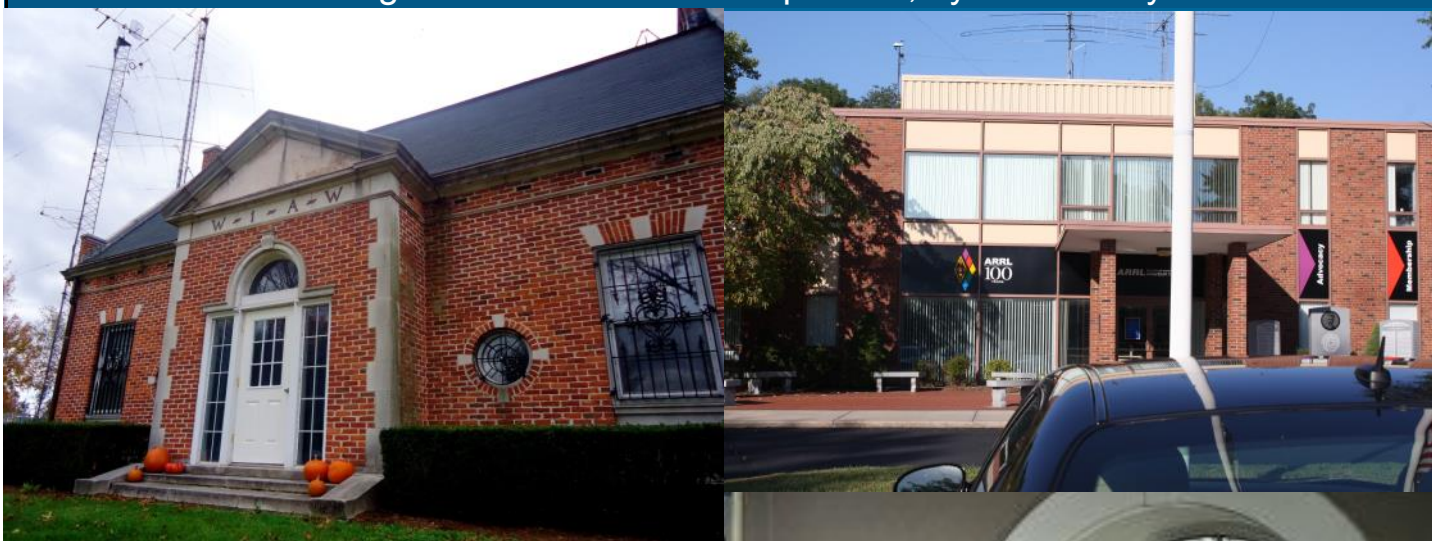
The

GARzette

The Official Newsletter of the Gwinnett Amateur Radio Society
April 2019 <http://www.gars.org/> Volume 28, Issue 4



GARS Meeting: A Tour of ARRL Headquarters, by Paul Kelley W4KLY



Tuesday, April 9, 2019 7:00 pm at the EAA 690 Hangar

Message from the President

I would like to start off this month's column by trying an experiment. The GARZETTE has always been a wealth of information including our special columns each month from members who write them like the Beginner's Corner by David Harden, KJ4CMY. I know you read the interesting info from David, but you may not pay much attention to the inside cover, page 2, of the GARZETTE written by the current club President. I have great respect for the many past GARS

Presidents who faithfully provided inspiring and informative messages each month. It is a challenge to find the most interesting topic for each GARZETTE.

So this month, I issue a challenge to our members and try to have a little fun as well. For the rest of the month of April, let's add something at the end of a QSO just before giving your callsign. Just before giving your callsign, say the word, "GIGAHERTZ". It may sound strange and someone who is totally puzzled and didn't read the GARZETTE will finally get up the nerve to ask what you said or what you meant. When that happens, politely let them know they need to read this month's GARZETTE to find the answer.

Why in the name of Amateur radio would we want to do such a silly thing?? Let's just say we're pointing them to a fine monthly Amateur Radio publication with interesting information. Let's try it for the month of April and listen for comments on an interesting article they read in the



"We have some great operating activities this Spring and into Summer. Come on out and join in the fun. "

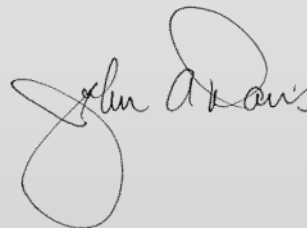
GARZETTE. Have fun!

The weather is getting warmer and I'm already hearing about antenna repairs, new antennas and more operating activities. April brings the Georgia QSO Party, May is the Dacula Memorial Day Parade and June is Field Day. We have some great operating activities this Spring and into Summer. Come on out and join in the fun. Better yet, bring a friend to either introduce them to Amateur Radio or remind another Ham how much fun we

have on the air.

I'll look forward to hearing GIGAHERTZ on the air and conversation about the GARZETTE articles this month. See you soon!

73,

A handwritten signature in dark ink, appearing to read "John Davis". The signature is stylized with a large, looping initial "J" and a trailing flourish.

**WB4QDX,
Club
President**

"It is not the class of license the Amateur holds, but the class of the Amateur that holds the license."

[Author Unknown]

GARS April Meeting and Workshop

A Tour of W1AW

WebSDR

By Paul Kelley, W4KLY

by Bill Cherepy, WB4WTN

Tuesday, April 9, 2019 7:00 pm

Tuesday, April 16, 2019 7:00 pm

Sports Aviation Complex—Hangar 1
690 Airport Road
Lawrenceville, GA 30045
[Directions to EAA Hangar](#)

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GARS Communications

<u>2 Meter Repeaters</u> 147.075(+) MHz Tone 82.5 147.255(+) MHz Tone 107.2	<u>6 Meter Repeater</u> 53.110 (-1 MHz) No Tone (Offline for Maintenance)
<u>1.25 Meter Repeater</u> 224.580(-) MHz Tone 100.0, 1.6 MHz Offset	Other Resources: <u>APRS</u> 144.390 -- 1200 Baud W4GR
<u>70 Cm Repeaters</u> 444.525(+) MHz Tone 82.5 442.100(+) MHz Tone 100 442.325(+) MHz Tone 100	<u>D-STAR</u> WD4STR 145.060 + (1.4 MHz) 440.550 + (5 MHz)

**Don't forget
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GARzette.**

Snail Mail Address:
GARS
P.O. Box 492531
Lawrenceville, GA 30049

The *GARzette* is the official monthly newsletter of the Gwinnett Amateur Radio Society, serving its members and other persons interested in the advancement of the Amateur Radio art.

Original articles, art, and photos are invited and encouraged. Previously copyrighted submissions cannot be accepted for reprinting unless permission from the appropriate publisher is provided in writing along with the information being submitted. If reprints are from publications allowing their unrestricted use, please include a copy of the printed permission contained in the publication.

If possible, bring your articles to the monthly meeting in Microsoft Word or rich text (.rtf) or text or HTML format or by e-mail to editor@gars.org. Artwork can be accepted in most any graphics format and can be submitted via e-mail to the same address. Alternate means of submittal can be arranged when necessary.

In keeping with the Amateur Radio spirit, permission is hereby granted for the reproduction of The *GARzette* articles by other Amateur Radio club newsletters provided that proper credit is given to the individual author and *The GARzette*.

The *GARzette* is published each month with the assistance of Norm Schklar, WA4ZXV who prints copies for distribution at meetings, etc. and Dave Bruse, W4DTR, who distributes the news letter electronically.

Deadline for submissions is the 28th of each month for inclusion in the following month's issue.

For additional information view our Website at: <http://www.gars.org>

Newsletter Editor: editor@gars.org Bill Eggers—WB2RIS 470-238-9603



GARS Happenings

20 Years ago in the April 1999 GARzette:

- The April 1999 meeting guest speaker is Bill Husted, KQ4YA, who wrote the “Technobuddy” column in the Sunday AJC;
- This month’s (April) “On The Air” by Karl Phillips, K4GZZ, features Mark Cooney, KF4OOL;
- For the Question of the Month, we answer the question posed last month about measuring the quality of a shack’s ground system. The question posed for next month is “I would like every member to give me their opinion on the functionality of a clubhouse for meetings and activities”;
- The “Shack of the Month” features the W4GR Main Repeater Site;
- 5 “Crystal Club” members visit and operate from the ARRL HQ site in Newington, CT;
- Communicators were requested by the Lanier Canoe and Kayak Club for 5 upcoming events in May, June and October.



You can always browse the GARzette archive at <http://www.gars.org/newsletters>

73, *Bill*, WB2RIS, GARzette Editor

March General Ham Cram Results

We had a good testing session for the General Ham Cram students on 3/23/19. There were nine students tested and six passed exams as follows:

- 5 upgrades to General Class
- 1 new General Class (passed Technician and General exams).

Overall the students were well prepared for their examinations which is a fine reflection on the teaching staff (John-WB4QDX and Ralph-KJ4CNC).

Thanks to the following VE's who made this session possible:

- Frank, KV4SP
- Bob, K4CQO
- Yolanda, KM4AAQ
- Richard, KM4SWL
- Chuck, KK4TKJ (Co-CVE)
- Russell, AB4QQ
- Nick, AB4CQ
- John, WB4QDX
- Ralph, KJ4CNC

73, *Don*, KK4NJM (Co-CVE)

Technician Class at Georgia Gwinnett College

We had a good exam session at the first Georgia Gwinnett College (GGC) Technician Class. 5 out of 10 applicants passed!

73, *Dave*, W4DTR (CVE)

Exam session results:

- 5 new Technician

Special thanks to the Volunteer Examiners who made this exam session possible:

- Bill, WB4WTN
- Ralph, KJ4CNC
- Richard, KM4SWL
- Sid, N4NQ (Co-CVE)
- Russell, AB4QQ
- Chuck, KK4TKJ (Co-CVE)
- Don, KK4NJM (Co-CVE)
- Mike, ND4V
- Norm, WA4ZXV
- Terry, W1AM



USA ARDF Championships

Registration is now open for the 2019 USA and IARU Region 2 Championships of Amateur Radio Direction Finding (ARDF), set for August 1 – 4. Competition venues will be near Raleigh, North Carolina.

“The USA ARDF Championships are an ideal opportunity to watch and learn from the best radio-orienteers in the US and from around the world, because visiting competitors from numerous other countries are expected to attend,” said ARRL ARDF Coordinator Joe Moell, K0OV. “Winners who qualify by citizenship or residence may be selected for positions on ARDF Team USA, which will travel to Serbia for the 2020 ARDF World Championships.”

Thursday, August 1, will be devoted to the [foxoring](#) championship. Foxoring is a combination of radio direction finding and classic orienteering. Friday morning will be the [sprint](#), a short course with 12-second fox transmissions instead of the usual 60 seconds each, followed by a model event for equipment testing and a competitor briefing.

Classic 2-meter and 80-meter competitions will take place Saturday and Sunday, respectively. An awards banquet on Saturday evening will include presentation of medals for foxoring, sprint, and 2-meter classic events; awards for 80-meter classic will be given out on Sunday afternoon immediately after the competition.

Four optional training days are planned for Sunday through Wednesday, July 28 – 31, just prior to the championships. This pre-event training offers the experience of a full ARDF course in a friendly environment, with the clock as your only opponent.

Members of the Backwoods Orienteering Klub ([BOK](#)) will organize the 2019 USA and IARU Region 2 Championships. All are experienced radio-orienteers who organized the successful 2013 national championships. The event director is Joseph Huberman, K5JGH, and the registrar is Ruth Bromer, WB4QZG.

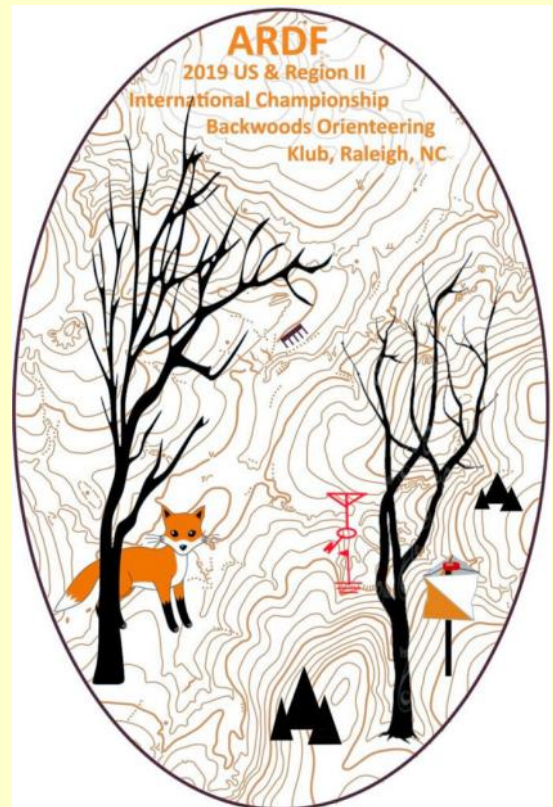
The International Amateur Radio Union (IARU) sets [ARDF championship rules](#). For scoring and awards, participants are divided into [eleven age/gender categories](#). In the classic ARDF events, competitors start in small groups made up of different categories. As they seek the hidden transmitters, they navigate through the forest from the starting corridor to the finish line, a distance ranging from 4 to 12 kilometers. They plot their direction-finding bearings on orienteering maps that show terrain features, elevation contours, and vegetation type.

The USA ARDF Championships are open to anyone who can safely navigate the woods by themselves. A ham radio license is not required. Each participant competes as an individual — any teamwork or GPS use is forbidden. Competitors bring their own direction-finding gear to the events, although extra gear is sometimes available for loan from other attendees. Competitors may not transmit on the course, except in emergencies.

[Information bulletin #2](#) contains the complete schedule, technical details, lodging, T-shirts, fees, rule variations, and more. Bulletins and links for online registration are on the [event web page](#) on the BOK site. An [email reflector](#) is available for Q&A with the organizers as well as for coordinating transportation and arranging equipment loans.

Basic information on international-style transmitter hunting is in the [“Homing In” website](#), including rules and signal parameters. This site includes equipment ideas for [2 meters](#) and [80 meters](#), plus photos and stories from previous championships. — Thanks to [Joe Moell, K0OV](#)

Source: <http://www.arrl.org/news/registration-opens-for-usa-ardf-championships>



2019 Special Event Stations

You can get some good QSL cards and/or certificates by working the various special event stations in 2019. Although this is hardly an exhaustive list, here are some of the key events to watch for:

Anniversary events:

- The American Legion 100th anniversary: Apr 1-Dec 31; www.legion.org/hamradio
- Golden Spike 150th Celebration, to commemorate the anniversary of the driving of the Golden Spike to complete the Transcontinental Railroad 150 years ago, May 8-May 10; www.w7g.org
- Memphis, TN Bicentennial Celebration, May 17-May 31; <https://www.qrz.com/db/w4bs>
- 75th Anniversary D-Day Invasion, Jun 6-Jun 9; <https://www.qrz.com/db/ww2ddm>
- USS Missouri (BB-63) 75th Anniversary of Her Commissioning, Jun 8-Jun 9; <https://www.kingscountyradioclub.com>
- World War 1 Centennial, commemorating the 100th anniversary of signing of the peace treaties ending World War 1, Jul 6-Jul 7; <https://www.theworldwar.org/amateurradio>
- WWV Centennial Special Event, Sep 28 – Oct 2; <http://www.arrl.org/news/wwv-centennial-special-event-will-use-ww0wwv>
- 50th Anniversary of Apollo 11, assorted stations on or about July 20; <https://nasaontheair.wordpress.com> and others
- 500 Years of foundation of Panama City, Panama: Jan 1-Aug 15; <https://www.qrz.com/db/h31a>

Bonus points: which event will likely be referred to as the “Sestercentennial” in 2026?

Monthly events throughout 2019: Although we are in April, and the 1st 3 stations are no longer available, you may still wish to work some or all of the rest. Look for similar monthly event stations for 2020!

- ARI Fidenza will use a series of special callsigns throughout 2019 to honor twelve "Italian pioneers in radio engineering" - (you can still qualify for a certificate); <http://www.arifidenza.it/>
- Radio Club Blagovestnik (LZ1KCP) will use twelve special callsigns throughout 2019 to honor as many different Orthodox saints - (you can still qualify for the certificate by working 5 stations); <http://www.lz1kcp.com/>

Other special events:

- W9IMS (Indianapolis Motor Speedway): INDYCAR Grand Prix, May 5-12; Indianapolis 500, May 20-27; Brickyard 400, Sep 2-9; <http://www.w9ims.org>
- 13 Colonies, July 1 –7; <http://13colonies.net>
- Armed Forces Cross Band Communication Test—set for sometime in May, should be announced late April; <http://www.usarmymars.org/events/armed-forces-day>
- Route 66 on the Air, Sep 7-15; <http://w6jbt.org/>
- International Marconi Day, April 27; <http://gx4crc.com/gb4imd/>
- Redefinition of the Kelvin May 20, W7K celebrates the redefinition of the SI unit Kelvin which will take place on May 20, 2019. This station will be operated from one of the most accurate temperature standards laboratories in the world in American Fork, Utah; tinyurl.com/w7kelvin
- US National Lighthouse-Lightship Weekend (NLLW), early August; <http://arlhs.com/events/national-lighthouse-lightship-week-nllw/>
- Museum Ships Weekend, Jun 1-2; <https://www.qsl.net/w/wa2tvs/museum/>
- World Amateur Radio Day, on or about April 18; <http://www.iaru.org/world-amateur-radio-day.html>
- “RST” Special Event, active from different locations in Alaska, Yukon Territory, Northwest Territories, Nunavut, and Greenland until February 28 (try again next year); <http://www.arrl.org/news/fourth-annual-rst-special-event-continues-through-february>

To find special event stations:

<http://www.dx-world.net/>, search for weekly bulletins
<http://www.arrl.org/special-event-stations>
<http://www.1x1callsigns.org/index.php/search>

Good Hunting!

73, *Bill*, WB2RIS, GARzette Editor

Beginner's Corner



Islands On The Air



This month, we take a look at Islands of the Air (<https://www.iota-world.org/>). IOTA's mission is to "increase activity on the amateur radio bands by encouraging operations from island locations, to keep a database of contacts made by IOTA participants and to recognize high performance in the making of such contacts through a programme of awards".

The oceans' islands have been grouped into some 1200 "IOTA groups" with, for reasons of geography, varying numbers of "counters", i.e. qualifying islands, in each. The objective for the island chaser is to make radio contact with at least one counter in as many of these groups as possible and for the DX-peditioner to provide such island contacts.

IOTA is a partner of the Radio Society of Great Britain. It promotes increased amateur traffic with stations located on islands around the world on HF and VHF traffic. Again, as in all the OTA programs, there are activators and chasers. They encourage friendly competition among chasers by publishing QSOs (contacts) on line. IOTA draws on "the widespread mystique surrounding islands." I have to admit the idea of going to a tropical island has its mystique. I have seen many videos of DX-peditions where people go to remote islands to make contact with fellow hams around the world. There have been two attempts to land a party on Bouvet Island in the South Atlantic Ocean that have failed. Yes, this isn't quite a "tropical" island, but it certainly would be quite a trip. Several of us have had the pleasure of going to a Caribbean island. You know first-hand of the charm of a tropical (or sub-tropical) island.

Which islands count? The IOTA islands must not be in rivers, inland lakes, narrow gulfs, or largely enclosed bays, (Fortunately, we have the U.S. Islands of the Air to cover many of these islands here.)

There are 22 award categories sponsored by IOTA. There are too many to name here, but a perusal of their web site will provide details. There is an award for contacting 100 IOTA islands. That might take a bit of work. You technicians might want to get your general class license for this.

Requirements: You have to have a license for whatever band you operate on. Remember, technician class licensees can operate on a portion of the ten-meter band, plus they can use CW (Morse Code) in several HF bands. Technicians can operate a satellite station, and yes, IOTA activators do make satellite contacts.

Into contesting? IOTA sponsors a contest the last full weekend in July each year. Yes, that does conflict with Field Day, but who says you can't do both at the same time?

What are the Islands in Georgia that Qualify? The state is grouped together as NA-058 and include Blackbeard, Commodore, Cumberland, Doboy, Drum Point, Jekyll, Lanier, Little Broughton, Little St Simons, Ossabaw, Rabbit, Raccoon Key, St Catherines, St Simons, Sapelo, Sea, Walburg, Wolf) (Note: not Isle of Hope, Skidaway, Tybee, Wilmington)

Islands of other states are also listed. See <https://www.iota-world.org/iota-directory/iota-island-group-listings/north-america.html>. I have heard of a number of these islands, and there are some I have never heard of. I'm going to get my atlas out and look some of these up.

It is nice that there are many islands nearby we can activate, as well as chase. Granted, Tybee Island isn't an exotic island, but, hey, it would be fun to activate or chase.

73 de *David Harden*, KJ4CMY

Gwinnett ARES Highlights

By Karen Whited, AB4NW

Meetings are held the 4th Tuesday at 7:30 pm at the EOC on Hi Hope Road. If you are interested in emergency communications, contact Hall Collier W4IGE at w4ige@arrl.net.



ANATOMY OF A HOSPITAL DRILL March 22, 2019 –by Mark Bell N7GRB

The Gwinnett ARES Hospital team was activated by Everbridge notification followed by a text message confirmation with Gwinnett Medical Center Duluth Incident Command System (HICS).

Yolanda Pence KM4AAQ, Jamie Burns KX4HA, and Mark Bell N7GRB responded, coordinating our arrival on the W4GR repeater. Mark proceeded directly to the HICS Command Center, while Yolanda and Jamie proceeded to activate the nearby radio station.

The incident briefing by the HICS Commander was: An active shooter at a local church was reported with casualties transported to both the Lawrenceville and Duluth hospitals; a mass casualty incident (MCI). Student volunteers acted as victims. Duluth police and hospital staff provided crowd control and perimeter lock-down. The incident evolved with the "injected exercise challenges" observed by representatives from the Gwinnett-Newton-Rockdale Health Department and Duluth police department. The Lawrenceville and Duluth HICS teams were in constant contact maintaining cross-site situational awareness and status.

Although an external phone and internet failure were not injected, we were staffed and ready to immediately respond. Our team sent a WinLink ICS 213 message over 80m using Larry's new AB4NX RMS relay gateway addressed to the section chief and the coordinator's work emails. Both of their message replies were successfully received by our team. Management was impressed by this simple, hands-on demonstration. Late morning the MCI teams were ordered to stand down, commence demobilization, and conduct a debrief between the two sites. The MCI drill was deemed successful by the observers, with a few lessons learned for improvement.

For our ARES hospital team members, integration into and recognition by the hospital's HICS team is a rewarding experience. Since we brought the Duluth hospital's radio station online last October, we have one or more of our ARES hospital team members at the hospital's monthly HICS meetings, table top exercises, and now this more significant MCI drill. Such integration builds relationships with the hospital's emergency management team, gives us an understanding of their practices, and better positions us for effective service in the case of a real-world event.



March 17, 2019

Atlanta Track Club requested ham radio support for their annual event through the streets of Atlanta (marathon, half

marathon, and 5K). The courses started and ended at Centennial Olympic Park with ham operators from DeKalb ARES and Gwinnett ARES stationed at aid stations, SAG vehicles, along the course, and pace car. Larry Whited AB4NX and Mike Parrott N4MEP from Gwinnett ARES participated.



GWINNETT-NEWTON-ROCKDALE PUBLIC HEALTH DEPT WORK DAY March 16, 2019

Mark Bell N7GRB, Charlie Allport WS4TOT, and Larry Whited AB4NX reorganized the operator's position to provide a more ergonomic layout of work surface and radio stack, allowing operations from a seated position with a pull-out work surface. A performance health check was also completed of three antennas and four radios.



Net Managers Corner

Monday Night 2 Meter “Want, Swap, Sell, and Information Net”

GARS NEEDS MEMBERS TO SERVE AS NET CONTROL STATIONS!

GARS is a great Amateur Radio service club and we have the membership and awards to prove it. Our club is a very busy and active club and we use the Monday night net to get the information out to our members. Weekly participation is needed to make our net function well. There is only a small group of very dedicated people that make the net happen each week, and we need more members to volunteer to serve as Net Control Stations (NCS) on a rotating basis.

Out of almost 300 members, there are only SEVEN primary people who serve as NCS for the GARS net every Monday night. In no particular order, they are:

Don - KW4AL	Ray - N4GYN	Bill - KK4AUA
David - KA4KKF	Kevin - KK4WOG	Chuck - KK4TKJ
Russell - AB4QQ		

As GARS Net Manager (Chuck KK4TKJ), I really need 26 people to fill NCS positions. I do plan and post the schedule months in advance. Any conditions will be accommodated that you as a rotating NCS need to place on the scheduling of your duties. If your plans change, I can make adjustments for the schedule to work, and I will make those changes happen as soon as I am notified of a problem. As Net Manager, I also send out reminders each week to let the NCS scheduled know he or she is NCS for the next Monday night net. In short, serving as a rotating NCS is a small duty but a great contribution to the club.

The “Want, Swap, Sell Information Net” begins promptly at 19:30 every Monday night and runs about 45 minutes. As a scheduled NCS, you will request the assistance of a volunteer alternate NCS each time you have Net Control. Your simple duties will be to tune in to the GARS repeater, read the script, take a few notes and forward the information to me for record keeping.

Please lend a hand and contact me at KK4TKJ@arrl.net. Sign up to help support the effort that makes GARS the great club that it is.

73 and see you on the Nets!

Chuck McCord, KK4TKJ

GARS Net Manager

GARS Membership Page

New GARS Members in March

Eliud Carmona
Jonathan Guidry (KN4TEW)
Robert Herlugson (KN4TEG)
Steven Jassen (KN4SVT)
John Roeder (KK6UNS)

New Members: 5

Total Members as of April 1, 2019
325

**Join GARS members for our
weekly breakfast gathering at
7:30 AM most Saturdays**

at

Golden Corral
2155 Riverside Parkway
Lawrenceville, GA 30043

([Directions](#))

**The following members are
celebrating birthdays
in April:**

HAPPY BIRTHDAY!!
From All of Us at GARS

Angelo Bione (WB9RWL)
Jim Boyd (KJ4YN)
Paul Branson (KA4YZR)
Charles Burts (K4CHB)
David Carmichael (KM4GBI)
Mark Case (K5MTC)
Scott Deitchman (WB8ICQ)
Leland Ford (K9SDR)
Dozier Griffith (WA4DEO)
Emma Guidry (KN4TEY)
Alexandra Kemp (WD4BDQ)
Benjamin Lloyd (KN4QDO)
Stan McDonald (KI4H)
James McGinty (W4BGT)
Michael Parrott (N4MEP)
Gemarl Perry
Russell Prevost (AB4QQ)
Keith Wells (WA8B)
Steven Wisenburg (KM4CVU)

GARS MEMBERSHIP

Your current GARS membership status is shown in the monthly newsletter e-mail towards the bottom of the message.

To become a GARS member, or to renew your GARS membership, please visit our website—<http://www.gars.org>

To make changes to your GARS membership (moved, new e-mail address, new phone number, etc.), please e-mail the Membership Committee - membership@gars.org

You can **renew or update** your Amateur Radio license information with the FCC at their website for free
<http://wireless.fcc.gov/uls/index.htm?job=home>

To update your ARRL information, please visit their website - <http://www.arrl.org>

Membership Chair: Karen Albritton, KI4HPP
Committee Members: Dave Bruse, W4DTR, Pam Meridy, WB1AKQ

EXTRA! EXTRA!

Repeater Status

6M	currently down
147.075	Operational in Snellville
147.255	Operational in Snellville
224.580	Operational in Grayson
442.100	Operational at Goshen Springs
442.325	Operational in Buford
444.525	Operational in Snellville

Link remote receivers being added



Robert (Mike) Smith
5191 La Paloma Dr.
Lilburn, GA 30047
Phone (404)-509-3104
Smithrm70@hotmail.com

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GARS on Social Media

GARS has moved from Yahoo Groups
to Groups.io!

If you were subscribed to the
Yahoo group, you have been automatically
enrolled in Groups.io!



Join GARS on Groups.io:
<http://gars.org/groups.io>



Visit GARS on Facebook:
<http://gars.org/facebook>








Join GARS on YouTube:
<http://gars.org/youtube>















Follow GARS on Twitter:
<http://gars.org/twitter>

G A R S Volunteers





OFFICERS

John Davis, President	WB4QDX	
Sandy Jackson, Vice President	KJ4DRO	
Joe Biddle, Secretary	AD4PZ	
Pam Meridy, Treasurer	WB1AKQ	
Randy Collins, Program Manager	N4COR	

COMMITTEE CHAIRS

Karen Albritton, Membership Chair and Public Information Officer	KI4HPP	
Dave Bruse, VE Team & Workshop Leader and Winter Field Day Chair	W4DTR	
David Adcock, Webmaster and Field Day Chair	KA4KKF	
Ralph Pickwick, Apparel Manager and Education Chair	KJ4CNC	
Neal Gilchrist, TechFest Chair	W4HNG	
Bill Eggers, GARzette Editor	WB2RIS	
Eddie Foust, Repeater Chair	WD4JEM	
Mike Weathers, WAS-Checker and Historian	ND4V	
Chuck McCord, Net Manager	KK4TKJ	
Mike Swiderski, Technical / RFI Advisor	K4HBI	
Mark Kozma, GA QSO Party Chair	KD3GC	
Kyle Albritton, Multimedia Chair	W4KDA	

DIRECTORS AND TRUSTEES

Kyle Albritton	W4KDA	
Mike Weathers	ND4V	
Rick Cobb	N4XYY	
Bill Cherepy, W4GR Trustee	WB4WTN	

GARS MEETING MINUTES

Gwinnett Amateur Radio Society – GENERAL Meeting Minutes 3/12/2019

President John Davis (WB4QDX) Opened the meeting at 7:00pm and Closed the meeting at 8:45pm
EAA Facility, 690 Hanger Rd. Lawrenceville, GA.

Introductions and Visitors: Visitors were recognized and full Introductions of the [53] attendees followed.

Treasurer: Pam Meridy (WB1AKQ) was absent and no financial report was given.

Membership Report: Dave (W4DTR), on behalf of Karen Albritton (KI4HPP), reported that Membership is at [316].

Program Chair: Randy Collins (N4COR)

Upcoming Programs:

- April – W1AW Tour by Paul Kelly (W4KLY)
- May – EMP Electromagnetic Pulse by Greg Abernathy (AI4UD)

GARS Education – Ralph (KJ4CNC)

- HamCram scheduled for March 16th and 23rd for the General Class License. \$25 for the sessions, which includes lunch each session.
- March 28 – Mason Elementary Stem Day 5th graders will be on the air. GARS member are encouraged to participate and speak with and answer these kids questions.

Techfest 2020 – Neal (W4HNG) Nothing new to report.

GARS Workshop Program: David (W4DTR) outlined the next few workshop sessions coming up:

- March – System Fusion and Ham Radio Hot Spots.
- April - Web SDR by Bill (WB4WTN)
- May – Soldering 101 'Why am I doing this wrong' by Dave (K8WDJ)

Community Education - Norm (WA4ZXV) requesting volunteers for a display at the Atlanta Science Festival at Piedmont park.

Community Service – Dacula Memorial Day Parade – Earl (AF4FG) is asking for volunteers for 27th of May for this Only Memorial Day Parade in Georgia.

Georgia QSO Party Chair - Mark (Koz) KOZMA (KD3GC) reminds us that, we'll be operating again this year on April 13th and 14th in the Club meeting place, the EAA Hanger.

Field Day 2019 – Chairman David (KA4KKF) reminds us of the Field Day Tee Shirts art design contest. **April 30th will be the dead line** for art submissions by club members. **Ralph (KJ4CNC)** announced the Field Day tee shirts are on sale now. See www.gars.org. Send orders or Tee shirt design entries to: **Ralph (KJ4CNC)**

Fundraiser 'Dog Show' – David (KA4KKF) reminds us of the Dog Show at Gwinnett Fairgrounds March 28th – 31st, and requests Twenty volunteers or more for each day for this first Gwinnett location showing.

Break:

Program:

Marriage of Old / New Technology – The original Text messaging by Steve Garrison, N4TTY and Nick Nikley, N0NCQ

Submitted by: **Joe Biddle (AD4PZ) GARS Secretary**

ARRL CONTESTING INFO

From ARRL Contest Calendar

> For more information click the links <

April 2019

14 [Rookie Roundup – Phone](#)

June 2019

8-10 [June VHF](#)

15 [Kid's Day](#)

22-23 [Field Day](#)

July 2019

13-14 [IARU HF World Championship](#)

August 2019

3-4 [222 MHz and Up Distance Contest](#)

17-18 [10 GHz & Up – Round 1](#)

18 [Rookie Roundup – RTTY](#)

September 2019

14-16 [September VHF](#)

21-22 [10 GHz & Up - Round 2](#)

21-22 [EME - 2.3 GHz & Up](#)

October 2019

19-20 [EME - 50 to 1296 MHz](#)

21-25 [School Club Roundup](#)

November 2019

2-4 [Nov. Sweepstakes - CW](#)

16-17 [EME - 50 to 1296 MHz](#)

16-18 [Nov. Sweepstakes - Phone](#)

December 2019

6-8 [160 Meter](#)

14-15 [10 Meter](#)

15 [Rookie Roundup-CW](#)

January 2020

1 [Straight Key Night](#)

4 [Kid's Day](#)

4-5 [RTTY Roundup](#)

18-20 [January VHF Sweepstakes](#)

February 2020

10-14 [School Club Roundup](#)

15-16 [International DX – CW](#)

March 2020

7-8 [International DX– Phone](#)

For more information:

<http://www.arrl.org/contest-calendar>

HAMFEST CALENDAR

04/13/2019 | [Tennessee State Convention, Memphis FreeFest](#)

Location: Bartlett, TN

Type: ARRL Convention

Sponsor: Mid-South Amateur Radio Association

Website: <http://maraonline.org>

04/20/2019 | [North Carolina State Convention \(Raleigh Hamfest\)](#)

Location: Raleigh, NC

Type: ARRL Convention

Sponsor: Raleigh Amateur Radio Society

Website: <http://rarsfest.org>

04/27/2019 | [Calhoun Hamfest](#)

Location: Resaca, GA

Type: ARRL Hamfest

Sponsor: Cherokee Capital Amateur Radio Society

Website: <http://k4woc.com>

05/17/2019 | [2019 ARRL National Convention at Dayton Hamvention®](#)

Location: Xenia, OH

Type: ARRL Convention

Sponsor: Dayton Amateur Radio Association

Website: <http://hamvention.org>

06/01/2019 | [Georgia Section Convention, Atlanta Hamfest](#)

Location: Marietta, GA

Type: ARRL Convention

Sponsor: Atlanta Radio Club W4DOC, Kennehoochee Amateur Radio Club W4BTI

Website: <http://www.atlantahamfest.org>

06/15/2019 | [Knoxville Hamfest](#)

Location: Knoxville, TN

Type: ARRL Hamfest

Sponsor: Radio Amateur Club of Knoxville

Website: <http://www.w4bbb.org/>

For more information: <http://www.arrl.org/hamfests-and-conventions-calendar>

When searching by division, remember some states adjacent to GA are in different divisions:

Southeastern: GA, AL, FL Delta: TN Roanoke: NC, SC

GARS Events Calendar for 2019		GARS Recurring Calendar
TechFest (www.techfest.info)	January 26	<ul style="list-style-type: none">♦ 2nd Tuesday of the month at 7 pm (except December): Monthly Club Meeting♦ 3rd Tuesday of the month at 7 pm (except December): Monthly Workshop♦ 2nd Sunday of the Month at 2 pm: GARS Ham Exam Session Fire Station #24 2735 Mall of Georgia Blvd Buford, GA 30519♦ Every Monday at 7:30 pm: GARS Want, Swap, Sell, and Information Net on the GARS 147.075 MHz repeater♦ Every Monday at 8:30 pm: ARES Training on the GARS 147.075 MHz repeater♦ Most Saturdays at 7:30 am: GARS Weekly Breakfast Golden Corral Restaurant 2155 Riverside Parkway, Lawrenceville, GA 30043
Winter Field Day	(same day as TechFest, not scheduled for 2019)	
General HamCram	March 16 & 23	
Dog Show Fundraiser	March 28 - 31	
Georgia QSO Party	April 13 & 14	
North metro area Fox Hunt	April	
May Madness	May	
Memorial Day Parade	May 27	
ARC/KARC Hamfest	June 1	
Field Day	June 22 & 23	
Tech HamCram	July	
JOTA	October	
Maker Faire	October	
Stone Mt. Hamfest	November 2 & 3	
Holiday Party	December	
<div>May GARS Speaker: TBD</div>		

GARS CALENDAR OF EVENTS FOR APRIL 2019

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
March 31 Dog Show Day 4 6 AM—10 AM, 10 AM—2 PM	1 7:30 - 8:00 pm GARS 2m Net	2	3	4	5	6 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive
7	8 7:30 - 8:00 pm GARS 2m Net	9 5:00 - 6:30 pm Dinner 7:00 - 9:00 pm GARS Meeting	10	11	12	13 7:30 - 9:30 am Breakfast GA QSO Party Day 1 EAA 690 Hangar
14 GARS VE Team Testing Session Starts at 2:00 pm GA QSO Party Day 2	15 7:30 - 8:00 pm GARS 2m Net	16 5:00 - 6:30 pm Dinner 7:00 - 9:00 pm GARS Workshop	17	18	19	20 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive
21 <i>Happy Easter!</i>	22 7:30 - 8:00 pm GARS 2m Net	23	24	25	26	27 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive
28	29 7:30 - 8:00 pm GARS 2m Net	30	May 1	May 2	May 3	May 4 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive

Metro Testing Sessions

GARS publishes Metro Atlanta VE exam schedules as a service and is not responsible for errors or changes. Call and confirm schedules before going. All sessions are walk-in. Take copies of current license and certificate of completed elements with you to all sessions. Find additional sessions online at <http://www.arrl-ga.org>.

First Sunday, ODD Months

2 pm (Jan, Mar, May, Jul, Sep, & Nov)

VEC: WCARS

Braselton Public Utility Building

4986 Highway 53, Braselton, GA

Contact: Roger Gibson, WB4T

(770) 271-4210 or (770) 712-9560

w4rlg@bellsouth.net

First Sunday, EVEN Months

2 pm (Feb, Apr, Jun, Aug, Oct, Dec)

VEC: WCARS

Hall County EOC

470 Crescent Dr. Gainesville, Ga.

Contact: Perry Roper, KO4RD

(770) 536-3056

Second Saturday

10:00 AM

Alpharetta North Park, Adult Activities Center

13450 Cogburn Rd, Alpharetta, GA 30004

Contact: Ian Kahn, KM4IK

E-mail: km4ik.ian@gmail.com

Third Saturday, ODD Months

VEC: ARRL

9:30 am (Appointments required, no walk-ins)

Stone Mountain Masonic Lodge

840 VFW Drive

Stone Mountain, GA 30083

Contact: Frank Haynes, KV4SP

Email: fhaynes@vatmom.net

(678) 467-3712

Second Sunday

VEC: W5YI

2 pm

Fire Station #24

Mall of Georgia Boulevard

Buford, GA 30519

Contact: Dave Bruse, W4DTR

E-mail: exams@gars.org

First Sunday, EVEN Months

VEC: WCARS and W5YI

2 pm @ Barrow Co. Emerg. Serv. Bldg

66 McElroy Street

Winder, GA 30680

Contact: Mike Wolcott, W4WYI

(404) 281-6581

E-mail: W4WYI@ARRL.net

(cont. next column)

Ham Exam Results

March Results

We had an excellent exam session Sunday March 10. We had eight applicants and all eight passed exams as follows:

- 5 new Technician Class
- 1 upgrade to General Class
- 1 upgrade to Extra Class
- 1 new Extra Class (passed Technician, General, and Extra in one sitting).

Again, many thanks to the VE's who made this session possible,

- Sid, N4NQ (Co-CVE)
- Russell, AB4QQ
- Greg, W1ROO
- Bill, WB4WTN
- Robert, KM4AAP
- Yolanda, KM4AAQ
- Frank, KV4SP
- Dave, W4DTR (CVE)
- Bob, K4CQO
- Richard, KM4SWL

73, *Don*, KK4NJM (Co-CVE)

GARS VE Team Leaders

E-mail: exams@gars.org

GARS VE Website:

<http://gars.org/exams>

Fourth Tuesday

ARRL VEC

7 pm @ United Way Service Center

6279 Fairburn Rd., Douglasville

Contact: Jessie Clower, KB4WFK

(770) 942-6466

Fourth Sunday

2:30 pm Georgia Tech

VanLeer Elec. Building

Rm. W218, 777 Atlantic Dr.

For more information go to

www.w4aql.com and click on "Test Sessions"

Metro Club Meetings

First Tuesday

Kennehoochee ARC

Downtown Marietta

Fire Station #1, Training Room

112 Haynes Street

Marietta, Georgia 30060

Meeting begins at 7:00pm

Talk In 146.880(-)

First Thursday

Atlanta Radio Club

Georgia Red Cross HQ

1955 Monroe Dr., Atlanta

Meeting is at 7:30pm

Talk In -146.820(-)

N.E. Georgia ARC

Commerce Public Library

1344 South Broad Street, Commerce

Meeting is at 6:30pm

Talk In - 147.225(+), PL 123.0

Second Monday

Georgia Tech ARC

Room W218

Van Leer Electrical Engineering Bldg.

Georgia Tech Campus

Meeting at 7:00pm

Second Thursday

Alford Memorial Radio Club

Annistown Road Baptist Church

Annistown Rd & Spain Rd

Stone Mountain

Dinner at 6:00pm, Meeting at 7:30pm

Talk In - 146.760(-)

Second Saturday

North GA QRP Club

Board Room of The Shepherd Center

2020 Peachtree Rd, NW, Atlanta

at 10:00 AM

Third Tuesday

North Fulton Amateur Radio League

Alpharetta Recreation & Parks Dept

Alpharetta Adult Activity Center

13450 Cogburn Road

Alpharetta, GA 30004

meeting at 7:30pm

Talk In - 145.47(-)

For more information, go to:

<http://www.gars.org/>

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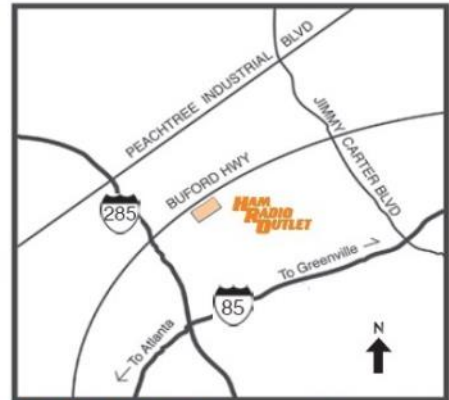
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